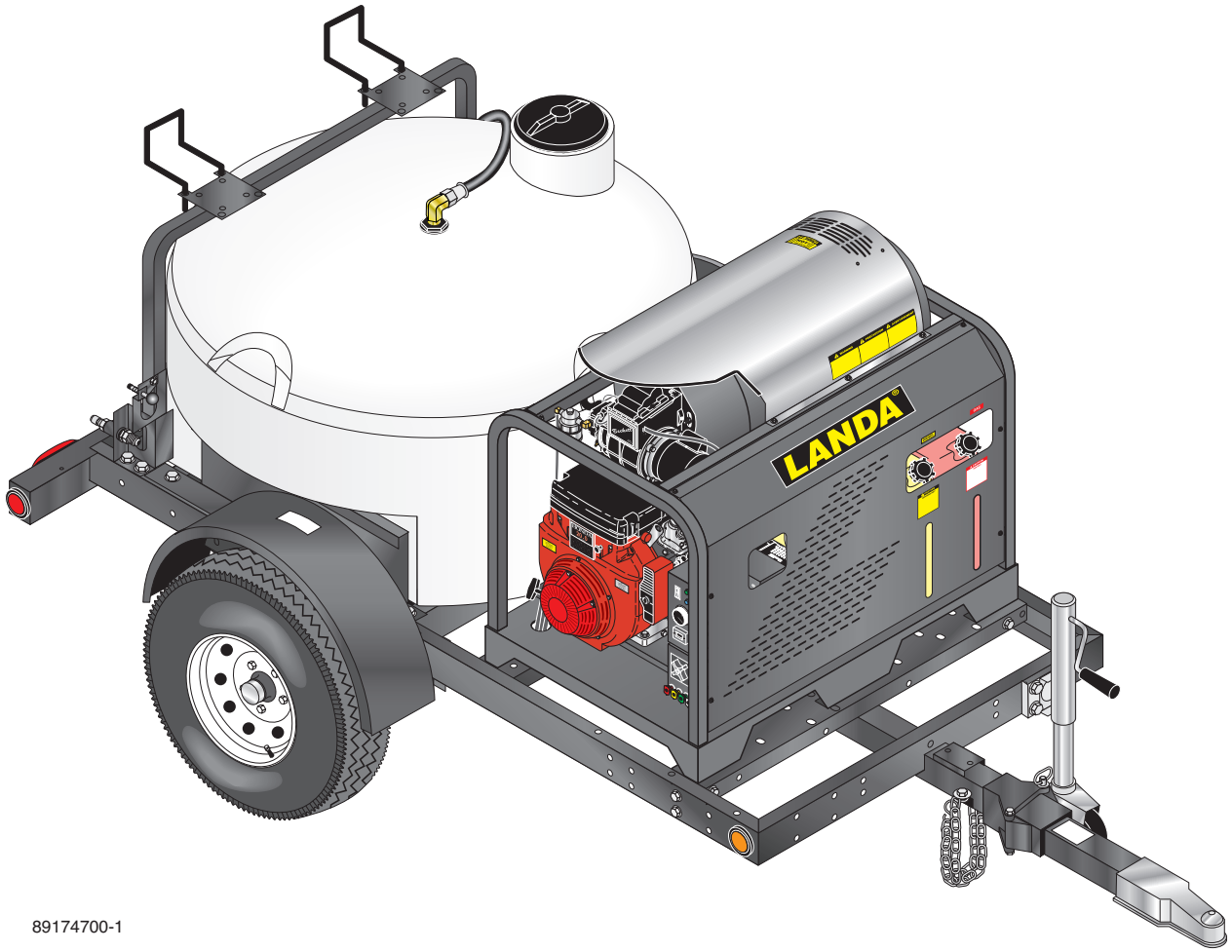
LANDA®

TRAILER SERVICE MANUAL

■ TRV-3500



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For technical assistance or the dealer nearest you consult our web page at
www.landa.com or call 360-833-1600

8.917-470.0

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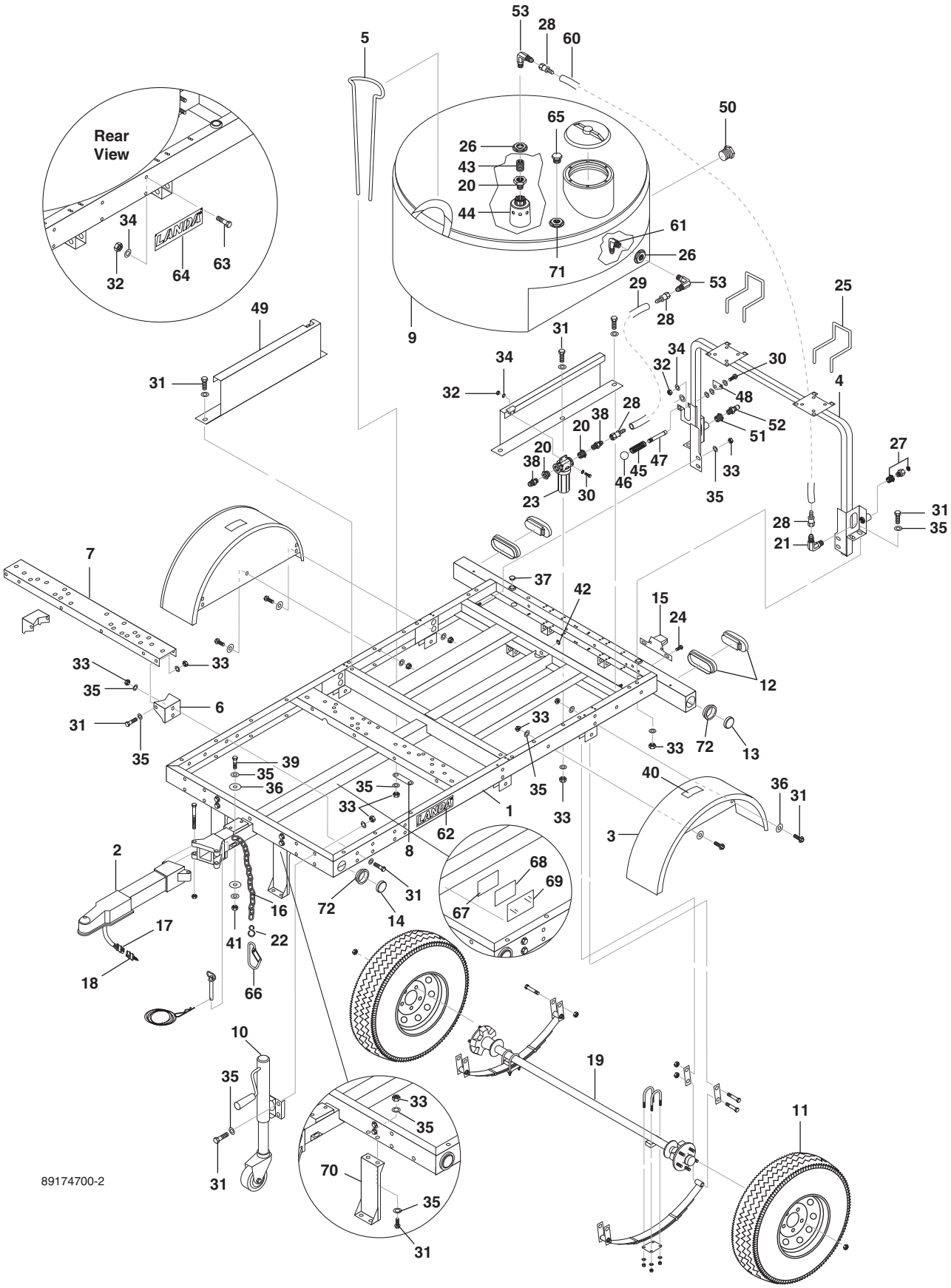
Model Number _____

Serial Number _____

Date of Purchase _____

The model and serial numbers will be found on a decal attached to the machine. You should record both serial number and date of purchase and keep in a safe place for future reference.

TRV-3500 TRAILER EXPLODED VIEW



TRV-3500 TRAILER EXPLODED VIEW PARTS LIST

ITEM	PART #	DESCRIPTION	QTY
1	8.917-302.0	Wlmt, Frame, Trailer, 3000#	1
2	8.917-303.0	Wlmt, Tongue, Hinged	1
	8.917-535.0	Wlmt, Tongue, Hinged, Hydraulic Coupler	1
3	8.917-304.0	Fender, w/Back, 15", Painted	2
4	8.917-305.0	Wlmt, Hoop, Hose Reel	1
5	8.725-543.0	Rod, Tie-down, Tank	1
6	8.917-325.0	Bracket, Skid Mount, Adj.	2
7	8.917-326.0	Channel, Skid Mount, Adj.	1
8	8.917-341.0	Bar, Tank Tie-down	1
9	8.725-525.0	Tank, Water, 200 Gal	1
	8.704-744.0	▲ Lid, 8" Threaded w/Air Breather	1
10	8.725-534.0	Jack, Swivel w/Caster, 1000 lb	1
11	8.725-529.0	Wheel/Tire Assy, 15" ST205/75d15 TI	2
12	8.725-530.0	Lamp, Tail, 3-Way	2
13	8.725-531.0	Lamp, Side Marker, Red	2
14	8.725-532.0	Lamp, Side Marker, Amber	2
15	8.725-533.0	Lamp, License w/holder	1
16	8.707-497.0	Chain, 5/16 Zinc Plated 2 x 45" Long	7.5 ft
17	8.725-536.0	Connector, Socket, 4-Flat	1
	8.707-510.0	Connector, Socket, 7-Prong (Electric Brake)	1
18	8.725-537.0	Plug, 4-Flat	1
	8.707-511.0	Plug, 7-Prong (Electric Brake)	1
19	8.725-538.0	Axle, 3500 lb., 57", Idler	1
	8.725-540.0	Axle, 3500 lb., 57" Electric Brakes	1
	8.725-539.0	Axle, 3500 lb., 57" Hydraulic Brakes	1
20	8.706-412.0	Bushing, 1" x 3/4" MT x FT, PVC 80	3
21	9.802-132.0	Elbow, 3/4" JIC X 1/2", 90°	1
22	8.707-498.0	Hook, "S", 5/16" Zinc Plated	2
23	8.707-526.0	Strainer, 1" T Line, Trailers	1
24	9.802-798.0	Screw, #10 x 1/2" Tek	2
25	8.719-946.0	Hanger, Hose	2
26	9.802-052.0	Bulkhead, 3/4" Polypro	2
27	9.802-146.0	Swivel, 1/2" MP x 3/4" GHF w/Strainer	1
28	9.802-152.0	Swivel, 3/4" SAE Fem, Push-on	4
29	9.802-261.0	Hose 3/4" Push-on	24"
30	9.802-701.0	Bolt, 1/4" x 1" Hex Head	3
		(Break Away)	6
31	9.802-722.0	Bolt, 3/8" x 1-1/4", NC HH	36
32	9.802-773.0	Nut, 1/4-20 ESNA NC	5
		(Break Away)	8
33	9.802-779.0	Nut 3/8"	42
34	9.802-802.0	Washer, 1/4" Flat SAE Zinc	12
		(Break Away)	14
35	9.802-807.0	Washer, 3/8" Flat	72
36	9.802-812.0	Washer, 3/8" x 1-1/2", Fender, SAE	14
37	8.706-738.0	Plug, 3/4", Hole	2
38	8.706-899.0	Nipple, 3/4" JIC x 3/4" Pipe	2
39	8.718-661.0	Bolt, 3/8" x 1-1/2", NC, HH, SS	2
40	8.900-522.0	Label, CLP Warning, Do Not Stand Or Step	2
41	9.802-780.0	Nut, 3/8" Stainless, ESNA, NC	2
42	8.706-731.0	Bushing, 3/4" Snap Heyco	7
43	8.706-369.0	Nipple, 3/4", PVC 80, Close	1
44	8.710-036.0	Float Valve 1" Hudson	1
45	8.718-592.0	Screw, 1/4" X 1-1/4" Shdr, 10-24	1
46	8.719-079.0	Knob, Black Plastic, 10-24 Thds	1
47	8.719-112.0	Spring, 0.31OD x 1.0, Steel,	1
48	8.917-463.0	Latch, Wand Holder	1
49	8.917-319.0	Bracket, Alignment, Tank	2
50	8.706-395.0	Plug, 2", PVC 80	1
51	8.706-294.0	Bushing, 1/2" x 3/8", Steel	1
52	9.802-171.0	Nipple, 3/8" X 3/8" NPT ST Male	1
53	9.803-557.0	Elbow, 3/4 JIC x 3/4	2
54	8.725-541.0	▲ Hydraulic Line Kit (with Hydraulic Brakes)	1
55	8.725-707.0	▲ Bolt, 1/2" x 4-1/2" Grade	5
		(Hydraulic Brakes)	2
56	8.718-829.0	▲ Nut, 1/2" ESNA (Hydraulic Brakes)	2
57	9.802-809.0	▲ Washer, 1/2" SAE (Hydraulic Brakes)	4
58	8.912-403.0	▲ Bracket, Break Away (Break Away)	1
59	8.707-480.0	▲ Coupler, 2" Hydraulic Actuator (Hydraulic Brakes)	1
60	9.802-261.0	Hose, 3/4 Push-on	51"
61	8.706-890.0	Elbow, 1/2" JIC x 3/4"	1
62	8.916-090.0	Label, Landa Logo, 11" x 3.5"	2
63	8.718-607.0	Bolt, Carriage, 1/4-20 x 3/4	2
64	8.917-327.0	Plate, Landa, S.S.	1
65	8.706-397.0	Plug, 3/4 (All except PGHW)	1
	8.716-547.0	Connector, 1/2" L/T (PGHW only)	1
66	8.726-136.0	Hook, Latching	2
67	8.749-879.0	Adhesive, 10" Roll, 2.5" x 7"	1
68		Vin Plate	1
69	9.807-349.0	Label, Clear Lexan	1
70	8.917-340.0	Bracket, Shipping	2
71	9.802-052.0	Bulkhead, 3/4" Polypro (All except PGHW)	1
	8.750-743.0	Bulkhead, 1/2" Polypro (PGHW only)	1
72	8.752-014.0	Grommet, Light, 2"	4

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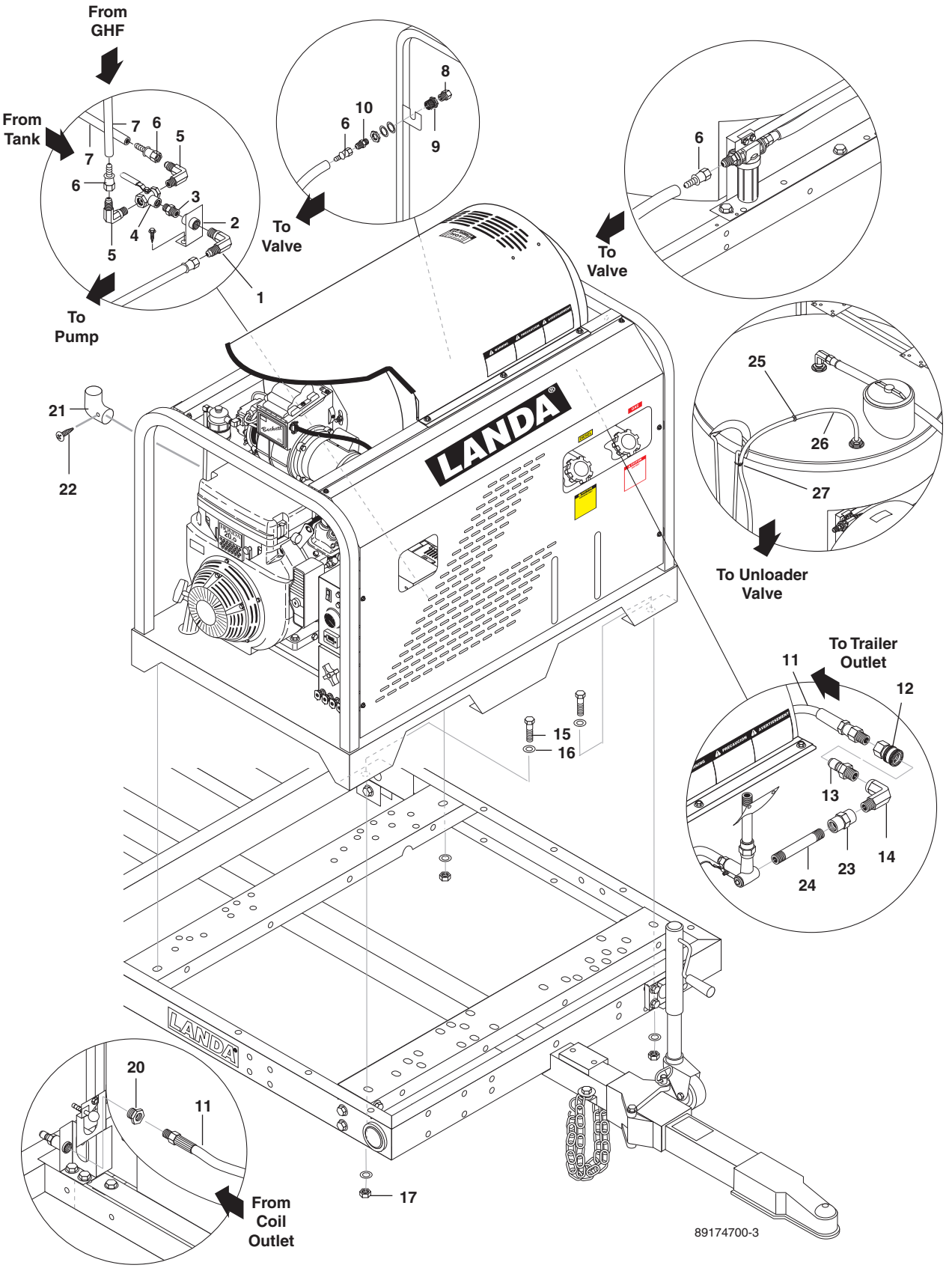
TRAILER WITH PGHW WASHER



TRAILER WITH PGHW WASHER PARTS LIST

ITEM	PART #	DESCRIPTION	QTY
1	9.802-132.0	Elbow, 3/4" JIC x 1/2", 90°	1
2	9.802-961.0	Hose Connection Bracket, PHW/PHWS/OHW	1
3	8.706-881.0	Nipple, 3/4" Pipe x 1/2" Pipe"	1
4	9.803-558.0	Valve 3/4"	1
5	9.803-557.0	Elbow, 3/4" SAE x 3/4", 90°, Brass	2
6	9.802-152.0	Swivel, 3/4" SAE Fem, Push-on	4
7	9.802-261.0	Hose 3/4"	2.917 ft
8	9.802-146.0	Swivel, 1/2" MP x 3/4" GHF w/Strainer	1
9	8.707-000.0	Connector, 1/2" Anchor	1
10	8.706-902.0	Nipple, 3/4" JIC x 1/2" Pipe	1
11	8.918-206.0	Hose, 3/8" x 125", 2 Wire, Swivel x Swivel	1
12	9.802-166.0	Coupler, 3/8" Female, Brass	1
13	9.802-171.0	Nipple, 3/8" x 3/8" NPT ST Male	1
14	8.706-207.0	Elbow, 3/8", Street 90°, Steel	1
15	9.802-722.0	Bolt, 3/8" x 1-1/4", NC HH"	4
16	9.802-807.0	Washer, 3/8" Flat	8
17	9.802-779.0	Nut, 3/8"	4
18	9.802-799.0	▲ Screw, #14 x 1", Tek, Blk., Zinc	1
19	9.802-204.0	▲ Clamp, Hose, CL13	1
20	8.706-294.0	Bushing, 1/2" x 3/8" Steel	1
21	8.915-387.0	Deflector, Exhaust, 45°	1
22	9.802-798.0	Screw, #10 x 1/2" Tek	1
23	8.706-136.0	Coupler, 3/8 Pipe	1
24	8.705-985.0	Nipple, 3/8 x 3"	1
25	8.706-959.0	Hose Barb, 1/4" Double	1
26	9.802-254.0	Hose, 1/4" Push-On	4ft
27	9.802-511.0	Tie Rap	1

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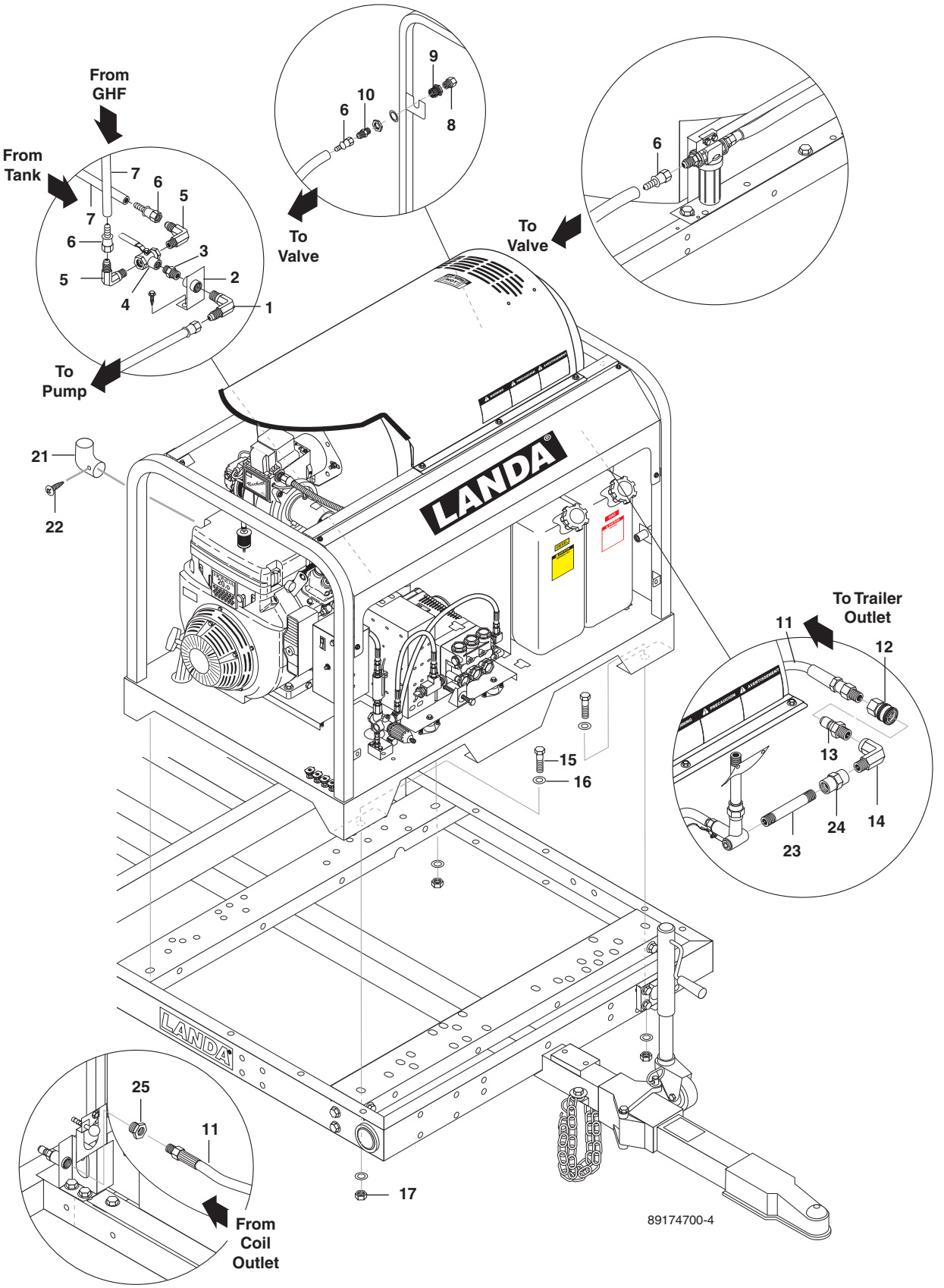
TRAILER WITH PGDC WASHER



TRAILER WITH PGDC WASHER PARTS LIST

ITEM	PART #	DESCRIPTION	QTY
1	9.802-132.0	Elbow, 3/4" JIC x 1/2", 90°	1
2	9.802-961.0	Hose Connection Bracket, PHW/PHWS/OHW	1
3	8.706-881.0	Nipple, 3/4" Pipe x 1/2" Pipe	1
4	9.803-558.0	Valve 3/4"	1
5	9.803-557.0	Elbow, 3/4" SAE x 3/4", 90°, Brass	2
6	9.802-152.0	Swivel, 3/4" SAE Fem, Push-on	4
7	9.802-261.0	Hose 3/4"	2.917 ft
8	9.802-146.0	Swivel, 1/2" MP x 3/4" GHF w/Strainer	1
9	8.707-000.0	Connector, 1/2" Anchor	1
10	8.706-902.0	Nipple, 3/4" JIC x 1/2" Pipe	1
11	8.918-206.0	Hose, 3/8" x 125", 2 Wire, Swivel X Swivel	1
12	9.802-166.0	Coupler, 3/8" Female, Brass	1
13	9.802-171.0	Nipple, 3/8" x 3/8" NPT ST Male	1
14	8.706-207.0	Elbow, 3/8", Street 90°, Steel	1
15	9.802-722.0	Bolt, 3/8" x 1-1/4", NC HH	4
16	9.802-807.0	Washer, 3/8" Flat	8
17	9.802-779.0	Nut 3/8"	4
18	9.802-204.0	▲ Clamp, Hose, CL13	1
19	9.802-799.0	▲Screw, #14 x 1", TEK, Blk., Zinc	1
20	8.706-294.0	Bushing, 1/2" x 3/8" Steel	1
21	8.915-387.0	Deflector, Exhaust, 45°	1
22	9.802-798.0	Screw, #10 x 1/2" Tek	1
23	8.706-136.0	Coupler, 3/8 Pipe	1
24	8.705-985.0	Nipple, 3/8 x 3"	1

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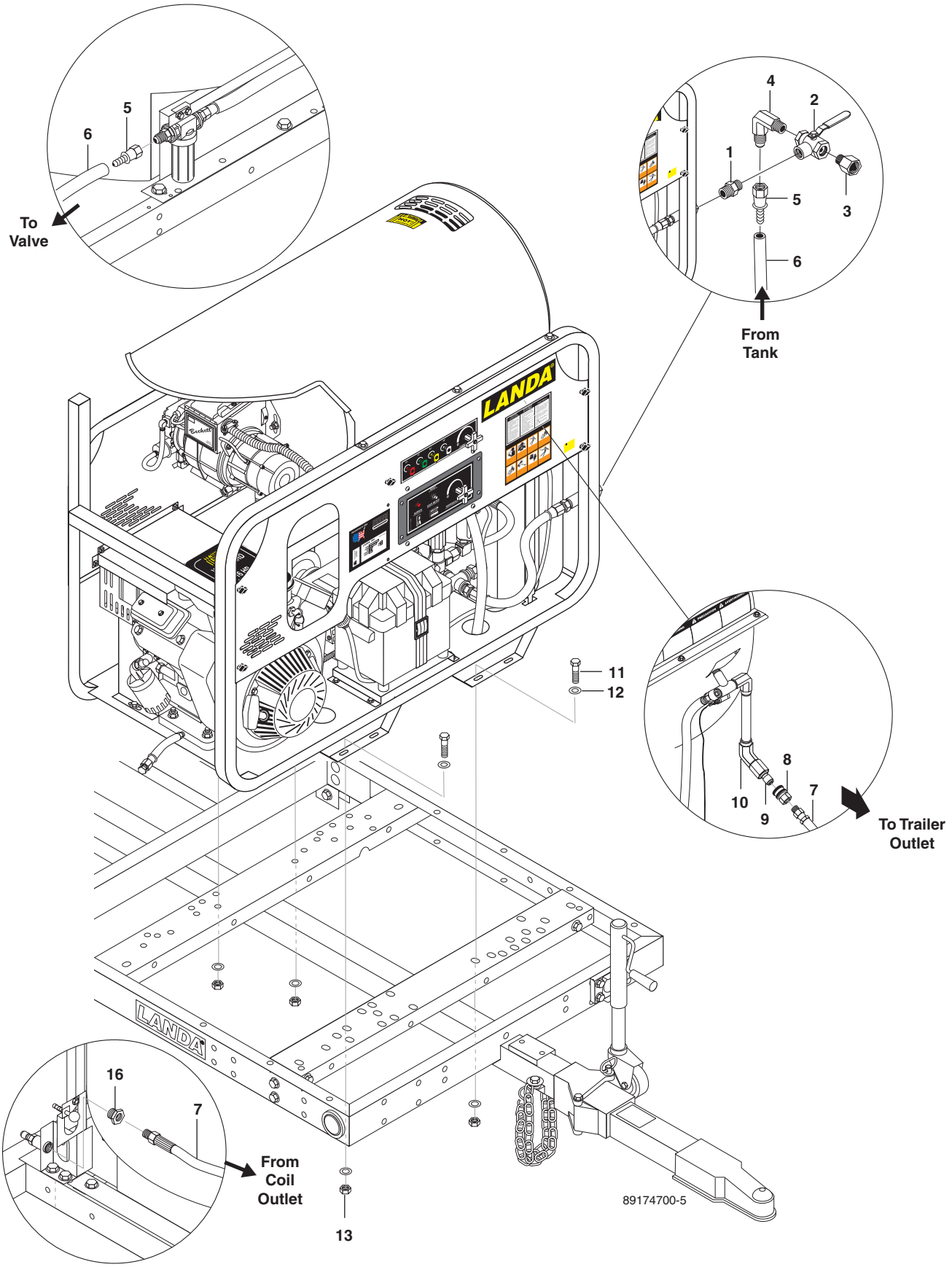
TRAILER WITH MHP WASHER



TRAILER WITH MHP WASHER PARTS LIST

ITEM	PART#	DESCRIPTION	QTY
1	8.706-790.0	Nipple, 1/2" Close	1
2	8.707-212.0	Valve, 1/2" Brass, 3-Way Ball	1
3	9.802-146.0	Swivel, 1/2" Mp x 3/4" GHF w/Strainer	1
4	9.802-132.0	Elbow, 3/4" JIC x 1/2", 90°	1
5	9.802-152.0	Swivel, 3/4" Sae Fem, Push-on	2
6	9.802-261.0	Hose 3/4"	3.417 ft
7	8.918-206.0	Hose, 3/8" x 125", 2 Wire, Swivel x Swivel	1
8	9.802-166.0	Coupler, 3/8" Female, Brass	1
9	9.802-171.0	Nipple, 3/8" x 3/8" Npt St Male	1
10	8.706-207.0	Elbow, 3/8", Street 90°, Steel	1
11	9.802-722.0	Bolt, 3/8" x 1-1/4", NC HH	8
12	9.802-807.0	Washer, 3/8" Flat	16
13	9.802-779.0	Nut 3/8"	8
14	9.802-204.0	▲ Clamp, Hose, Cl13	1
15	9.802-799.0	▲ Screw, #14 x 1", TEK, Blk., Zinc	1
16	8.706-294.0	Bushing, 1/2" x 3/8" Steel	1

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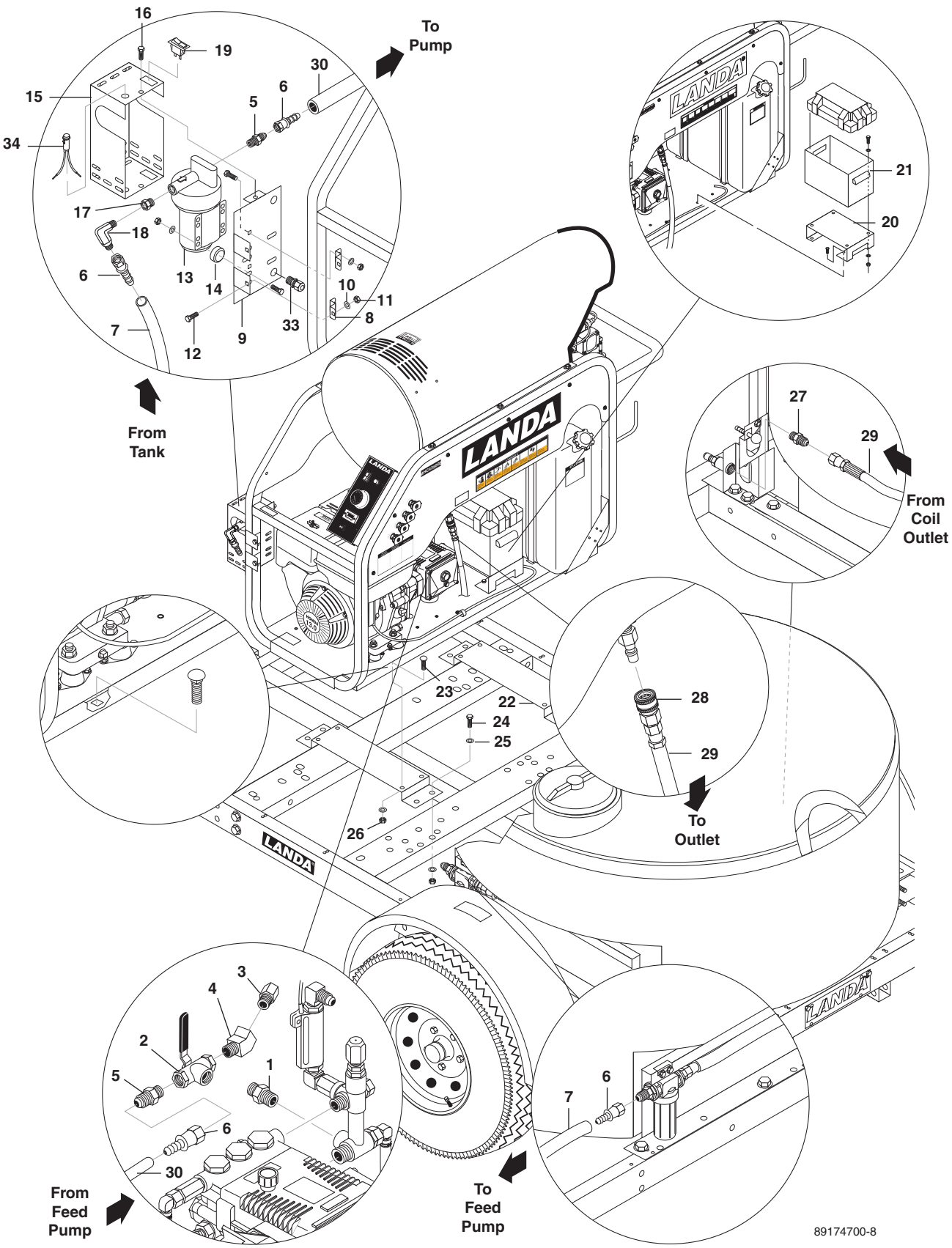
TRAILER WITH MHC WASHER



TRAILER WITH MHC WASHER PARTS LIST

ITEM	PART #	DESCRIPTION	QTY
1	8.706-797.0	Nipple, 1/2" Hex	1
2	8.707-212.0	Valve, 1/2" Brass, 3-Way Ball	1
3	8.706-838.0	Elbow, 1/2" Street, Brass, 45°	1
4	9.802-146.0	Swivel, 1/2" MP x 3/4" GHF w/Strainer	1
5	8.706-902.0	Nipple, 3/4" JIC x 1/2" Pipe	2
6	9.802-152.0	Swivel, 3/4" SAE Fem, Push-on	4
7	9.802-261.0	Hose, 3/4" Push-on, /ft	3 ft
8	8.915-292.0	Reel, Hose, Bracket, Mount Retainer	2
9	8.917-561.0	Wlmt, Mount, Feed Pump	1
10	8.718-980.0	Washer, 5/16", Flat	16
11	9.802-776.0	Nut, 5/16", ESNA, NC	16
12	8.718-626.0	Bolt, 5/16"-18 x 1-1/4", NC Carriage	8
13	8.725-945.0	Pump, 4.0 GPM, 12V, 10A	1
14	8.706-510.0	Bumper, Rubber, 3/4" w/Washer	4
15	8.917-564.0	Cover, Mount, Feed Pump	1
16	9.803-551.0	Screw, 5/16" x 3/4" Whiz Loc Flange	2
17	8.706-984.0	Adapter, 1/2" FPT x 1/2" MPT, Brass	1
18	9.802-132.0	Elbow, 3/4" JIC x 1/2" MPT, 90°	1
19	9.802-453.0	Switch, Curvette RA901VB-B-1-V.Carling	1
20	8.917-563.0	Brkt, Mount, MHC Large Battery	1
21	8.706-600.0	Battery, M-100, Large	1
22	8.916-176.0	Plate, Skid Mount, MHC	2
23	8.718-625.0	Bolt, 5/16"-18 x 3/4", NC, Carriage	8
24	9.802-722.0	Bolt, 3/8" x 1-1/4", NC HH	8
25	9.802-807.0	Washer, 3/8", SAE, Flat Zinc	16
26	9.802-779.0	Nut, 3/8", ESNA, NC	8
27	9.802-038.0	Nipple, 1/2" JIC x 1/2" MPT, Steel	1
28	9.802-166.0	Coupler, 3/8" Female, Brass	1
29	8.711-708.0	Hose, 1/2" x 90" 2 Wire, Pressure Loop	1
30	9.802-261.0	Hose, 3/4" Push-On	2 ft
31	9.802-204.0	▲ Clamp, Wire/Tube, 0.750D	1
32	9.802-799.0	▲ Screw, #14 x 1", Tek, Blk., Zinc	1
33	9.802-514.0	Strain Relief, Small	1
34	9.802-456.0	Light, Indicator, Green 12V	1

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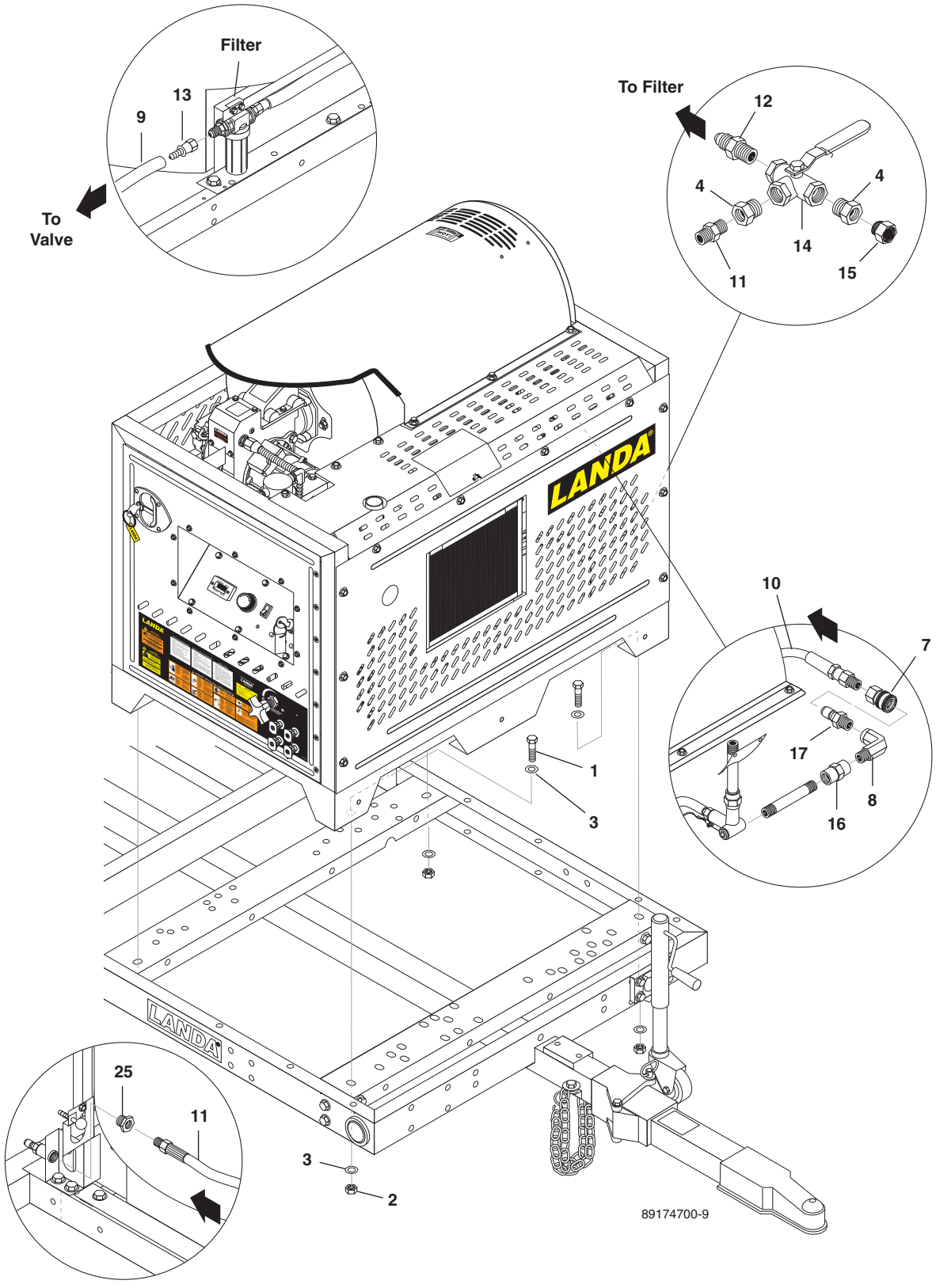
TRAILER WITH PDHW WASHER



TRAILER WITH PDHW WASHER PARTS LIST

ITEM	PART#	DESCRIPTION	QTY
1	9.802-722.0	Bolt, 3/8" x 1-1/4", NC HH	4
2	9.802-779.0	Nut, 3/8", ESNA, NC	4
3	9.802-807.0	Washer, 3/8", SAE, Flat Zinc	8
4	8.706-925.0	Bushing, 3/4" x 1/2" Brass	2
5	9.802-511.0	▲ Cable Tie, 11" Black	1
6	9.802-204.0	▲ Clamp, Wire/Tube, .75" Dia	2
7	9.802-166.0	Coupler, 3/8" Socket, Female, Brass	1
8	8.706-207.0	Elbow, 3/8" Street 90°, Steel	1
9	9.802-261.0	Hose, 3/4" Push-On	6 ft
10	8.918-206.0	Hose, 3/8" x 125", 2 Wire, Swivel x SWI	1
11	8.706-797.0	Nipple, 1/2" HEX	1
12	8.706-899.0	Nipple 3/4" JIC x 3/4" Pipe	1
13	9.802-152.0	Swivel, 3/4" SAE FEM, Push-On	2
14	9.803-558.0	Valve, 3/4" Ball 3-Way	1
15	9.802-146.0	Swivel, 1/2" MP x 3/4" GHF	1
16	8.706-136.0	Coupler, 3/8" Pipe	1
17	9.802-171.0	Nipple, 3/8" x 3/8" NPT ST	1

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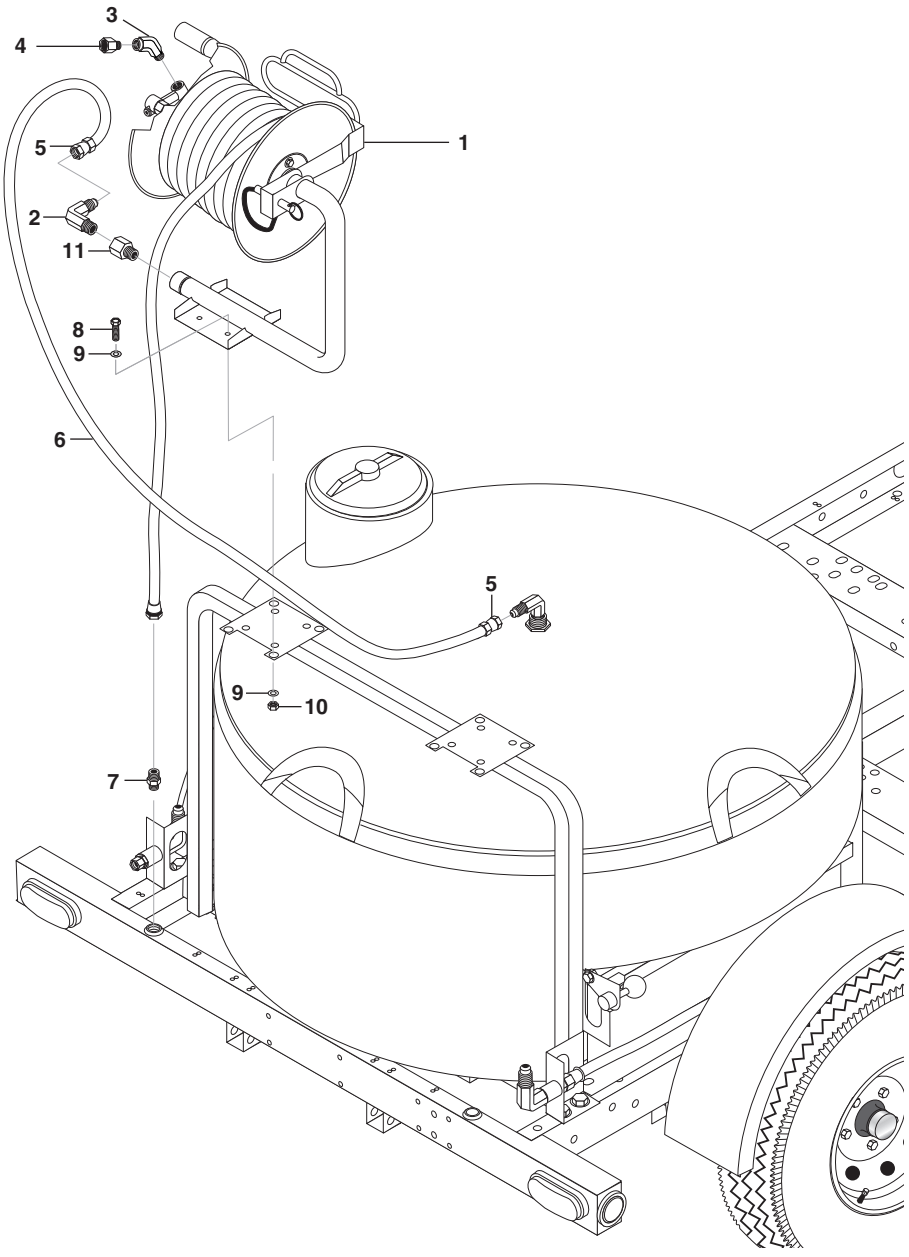
OPTIONAL HOSE REEL LOW PRESSURE 8.917-555.0



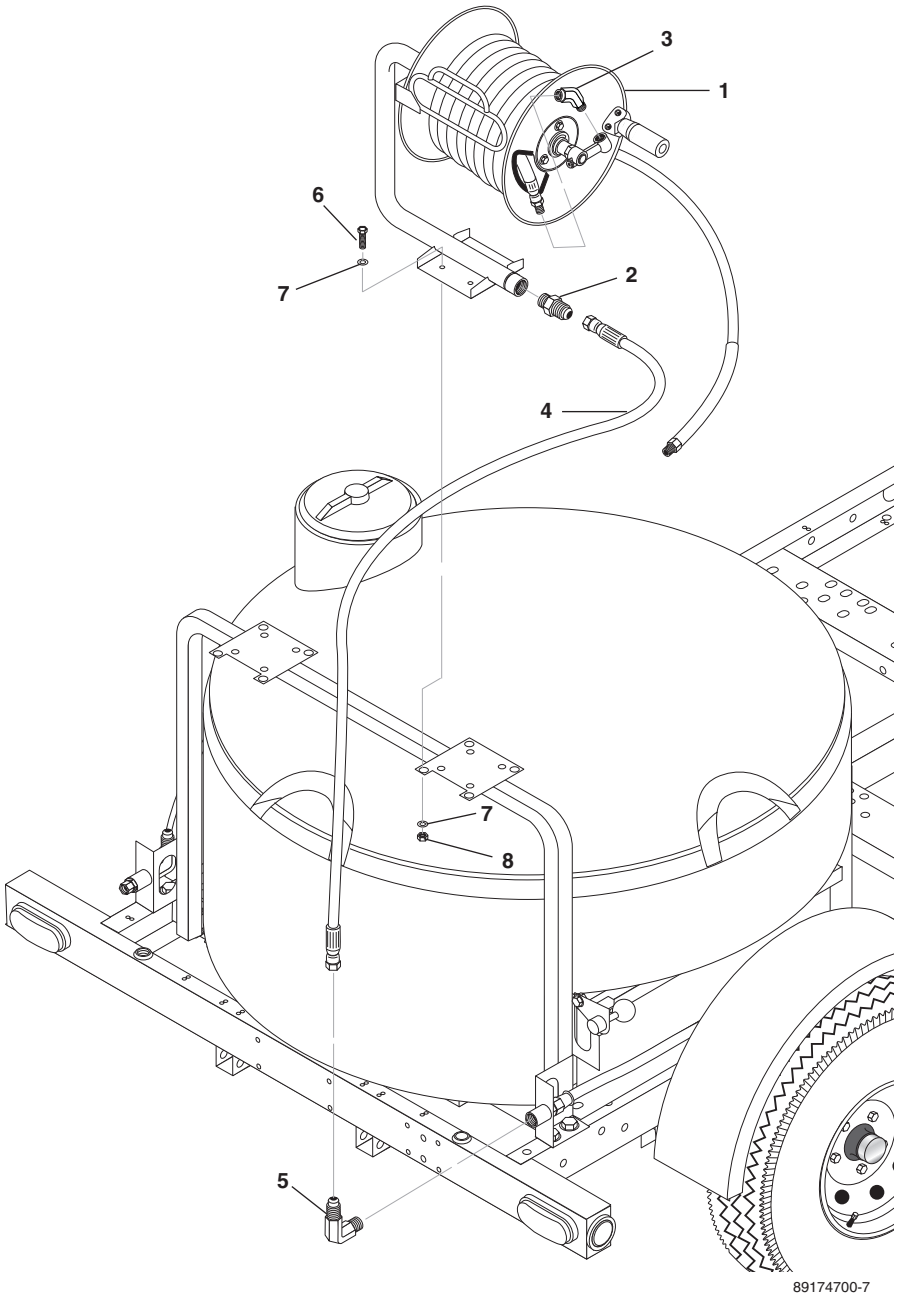
OPTIONAL HOSE REEL LOW PRESSURE PARTS LIST

ITEM	PART #	DESCRIPTION	QTY
1	9.122-002.0	Hose Reel,100 ft., fixed base	1
2	9.802-132.0	Elbow, 3/4" JIC x 1/2" 90°	1
3	8.706-834.0	Elbow 3/8" Street, 45 DGR"	1
4	9.802-147.0	Swivel, 3/8" MP x 3/4" GHF W/Strainer	1

ITEM	PART #	DESCRIPTION	QTY
5	9.802-152.0	Swivel, 3/4" FEM, Push-on	2
6	9.802-261.0	Hose, 3/4" Push-on, /FT	30"
7	8.706-968.0	Nipple, 1/2" MPT x 3/4"GHM	1
8	9.802-722.0	Bolt, 3/8" x 1-1/4"	4
9	9.802-807.0	Washer, 3/8" SAE, Flat Zinc	8
10	9.802-779.0	Nut, 3/8", ESNA	4
11	8.706-984.0	Adapter, 1/2" FPT x 1/2" MPT, Brass	1

NOTE: Garden Hose Not Included

OPTIONAL HOSE REEL HIGH PRESSURE 8.917-554.0

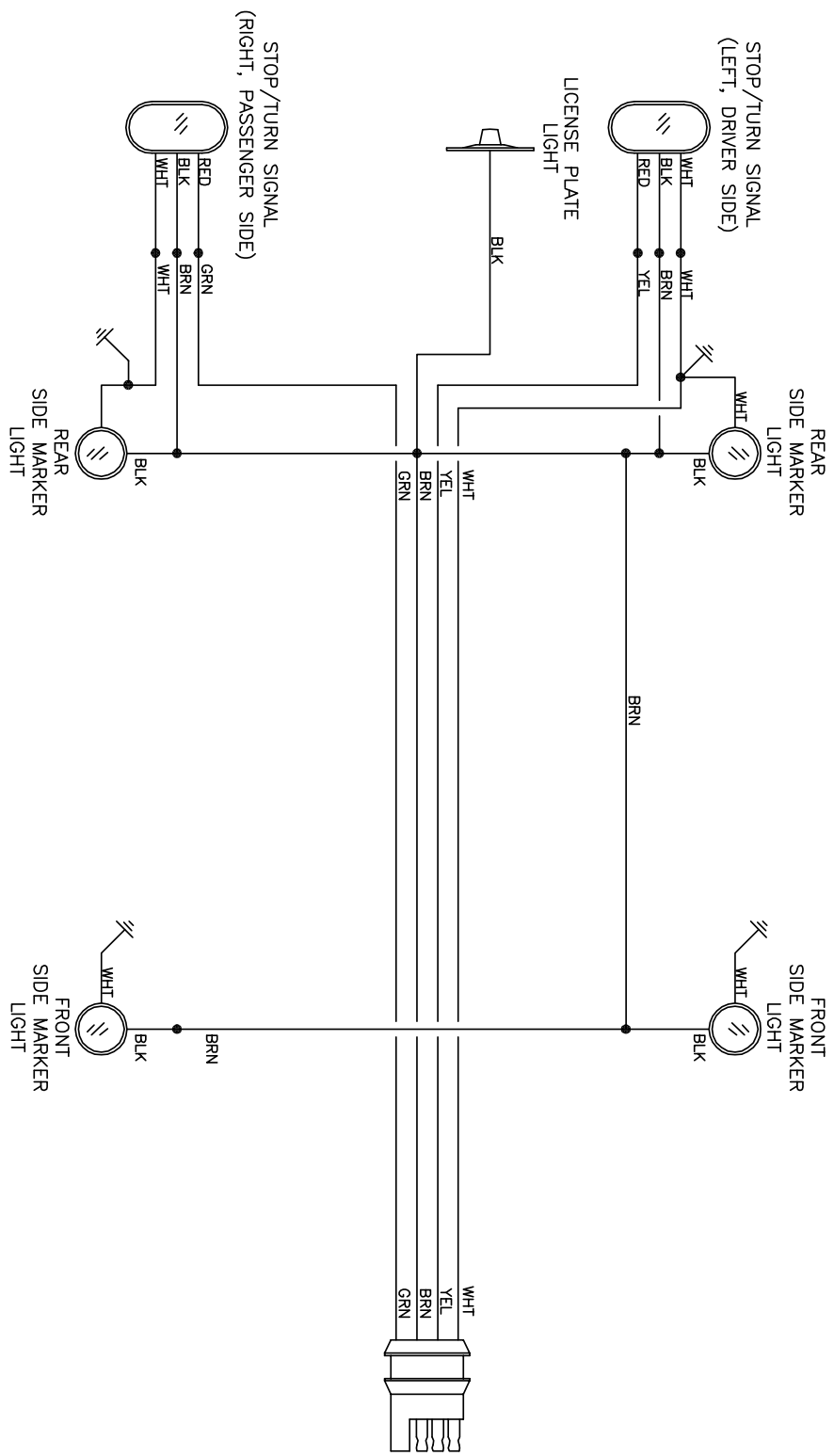


OPTIONAL HOSE REEL HIGH PRESSURE PARTS LIST

ITEM	PART #	DESCRIPTION	QTY
1	9.122-002.0	Hose Reel, 100 ft. Fixed Base	1
2	9.802-036.0	Nipple, 1/2" JIC x 3/8", Pipe Steel	1
3	9.802-041.0	Elbow 3/8", Steel, Street, 45°	1
4	9.802-243.0	Hose, 3/8" x 32, 2 Wire JIC x 1/2" MALE	1
5	9.802-040.0	Elbow, 1/2", JIC, 1/2, 90°	1

ITEM	PART #	DESCRIPTION	QTY
6	9.802-722.0	Bolt, 3/8" x 1-1/4"	4
7	9.802-807.0	Washer, 3/8" SAE, Flat Zinc	8
8	9.802-779.0	Nut, 3/8", ESNA	4

WIRING DIAGRAM



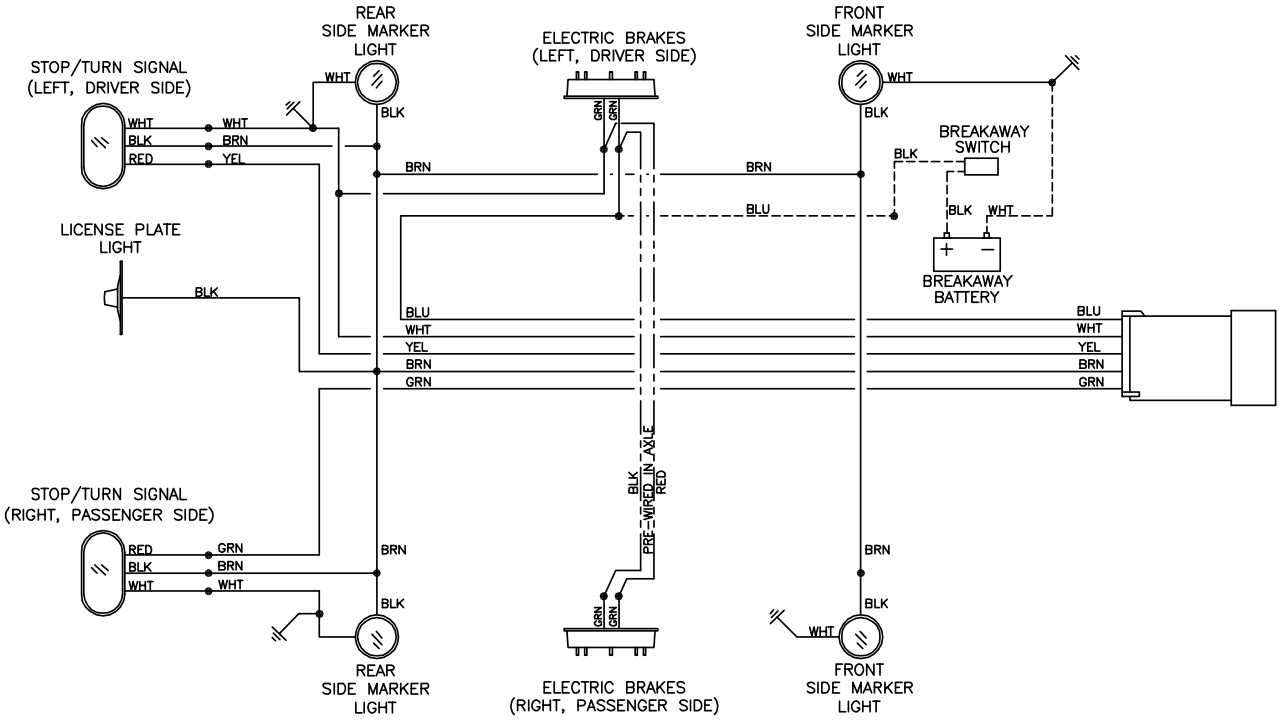
WIRING DIAGRAM

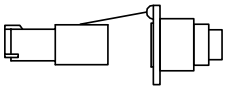
TRAILER

(#1–WHITE) COMMON GROUND TO FRAME
(#2–BLUE) ELECTRIC BRAKE
(#3–BROWN) TAIL,RUNNING,LICENSE LIGHTS
(#4–N/A) AUXILIARY,DOME,CHARGE LINE, (NOT USED)
(#5–GREEN) RIGHT STOP & TURN LIGHTS
(#6–YELLOW) LEFT STOP & TURN LIGHTS
(#7–N/A) AUXILIARY (NOT USED)

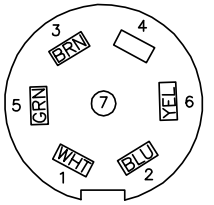
TOW VEHICLE

(#1) COMMON GROUND
(#2) ELECTRIC BRAKE
(#3) TAIL,RUNNING,LICENSE LIGHTS
(#4) AUXILIARY,DOME,CHARGE LINE
(#5) LEFT STOP & TURN LIGHTS
(#6) RIGHT STOP & TURN LIGHTS
(#7) AUXILIARY (NOT USED)





7–CIRCUIT RECEPTACLE



VIEW LOOKING AT WIRE SIDE OF TRAILER RECEPTACLE

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